



# Logitech UE Boom Motherboard Replacement

Guide to replace the motherboard on Logitech UE Boom.

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## TOOLS:

- [64 Bit Driver Kit](#) (1)
  - [Metal Spudger](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [Soldering Station](#) (1)
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## Step 1 — D-ring



- Turn the device over. The D-ring will be on the left face of the speaker when viewing the device from this orientation.

## Step 2




- Lift the handle on the D-ring and unscrew it.
- Remove the D-ring.



## Step 3 — Bluetooth Adapter



 Any repairs made from this point forward will void your device's warranty.

- Holding the speaker upright, wedge the metal spudger in between the casing and the speaker. Gently pry open the tabs as they are easily broken.

## Step 4



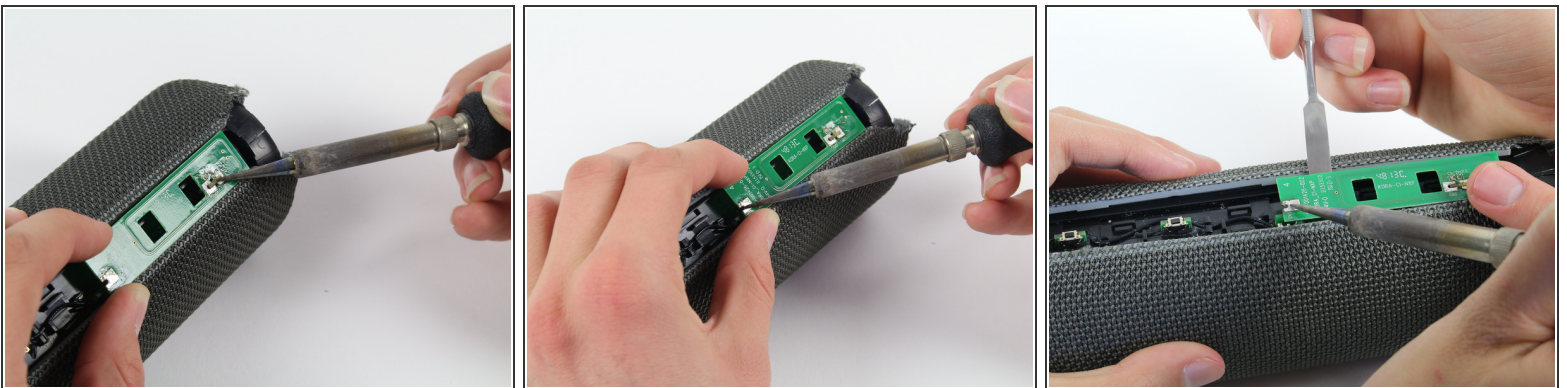
- Find the part of the casing that covers the volume controls. Wedge the metal spudger under this and pry open all of the tabs as in the previous step.
- Repeat for the bottom of the speaker and pry the casing open with your fingers.


## Step 5




- Using the Phillips J0 head screwdriver, unscrew the four silver 9 mm screws.
- Do the same for the two black 7 mm screws.

## Step 6



 This next step involves the use of a hot soldering iron. Remember to be careful during this step since it can be easy to burn yourself.

- Using a soldering iron, solder the two ends of the green Bluetooth adapter.
-  You might need another person's help to lift the adapter while you solder it.



## Step 7



- With the Bluetooth adapter soldered off, remove it and your device should now look like this.

## Step 8 — Lithium Battery



- With a metal spudger, pry open the tabs on the speaker sleeve along the length of the speaker.

## Step 9



- Use a plastic opening tool to pry the sleeve off from the bottom of the speaker.

## Step 10



- Peel off the sleeve.

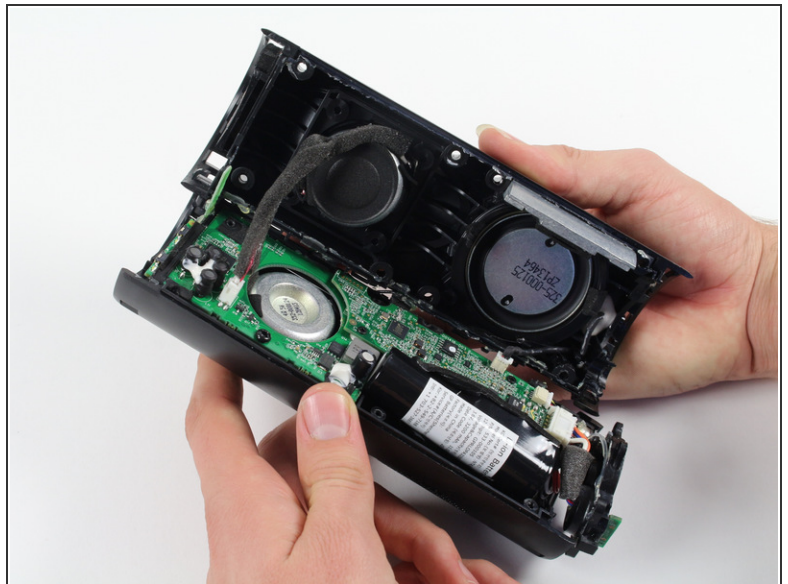


## Step 11



- Use a Phillips 1 screwdriver to unscrew the eight black 14 mm screws along the length of the casing.

## Step 12

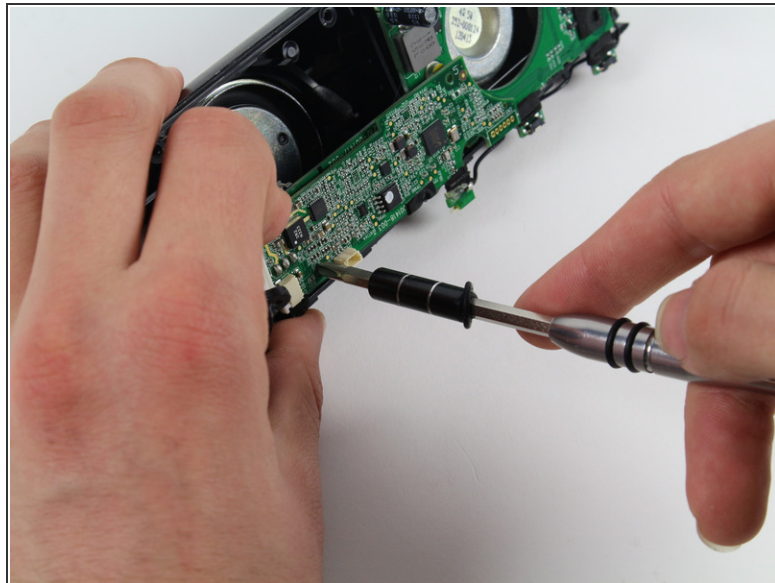


- With the screws removed, pry open the casing to be able to get to the components inside.

**i** Try prying the case open from one of the ends if that is easier.

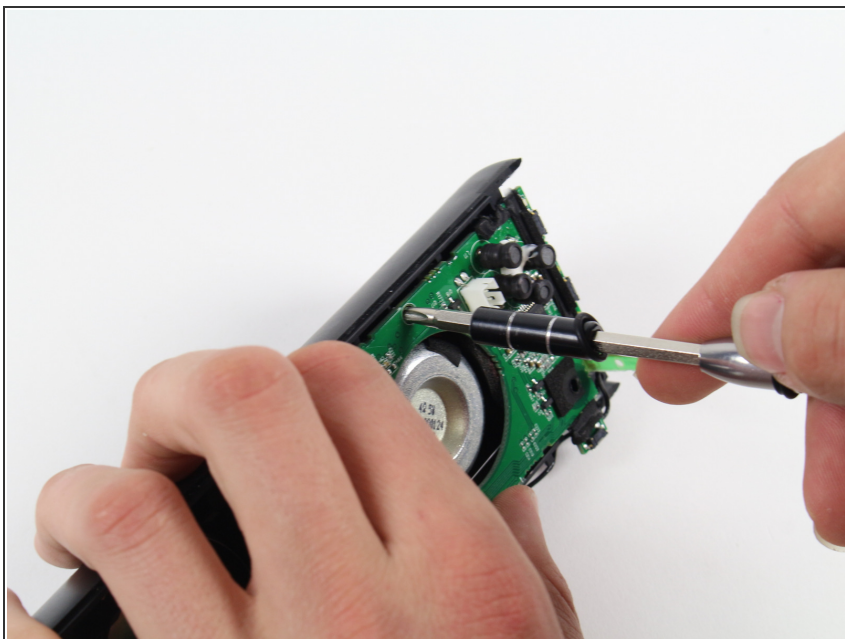


## Step 13



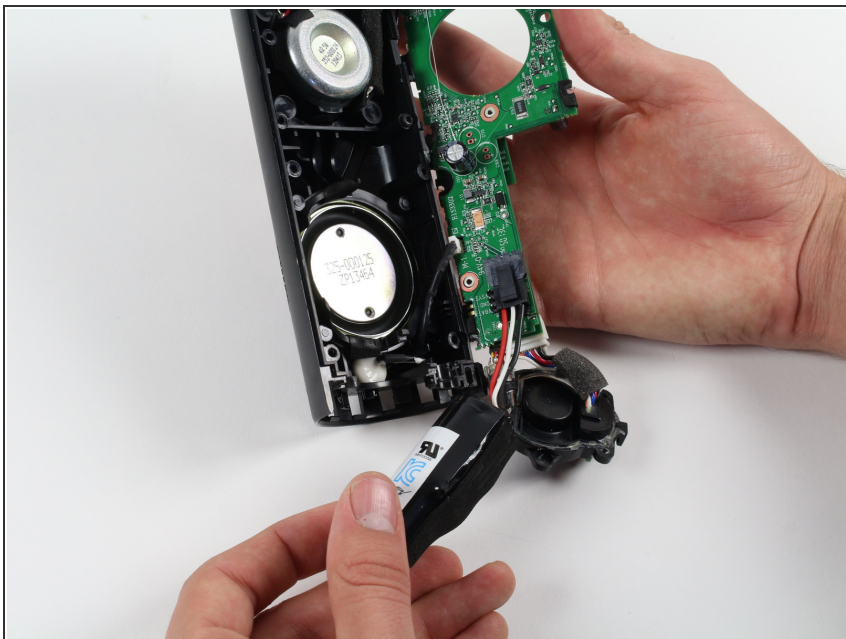
- With a Phillips #00 screwdriver, unscrew two 5.6 mm screws from the rectangular shaped circuit board.

## Step 14



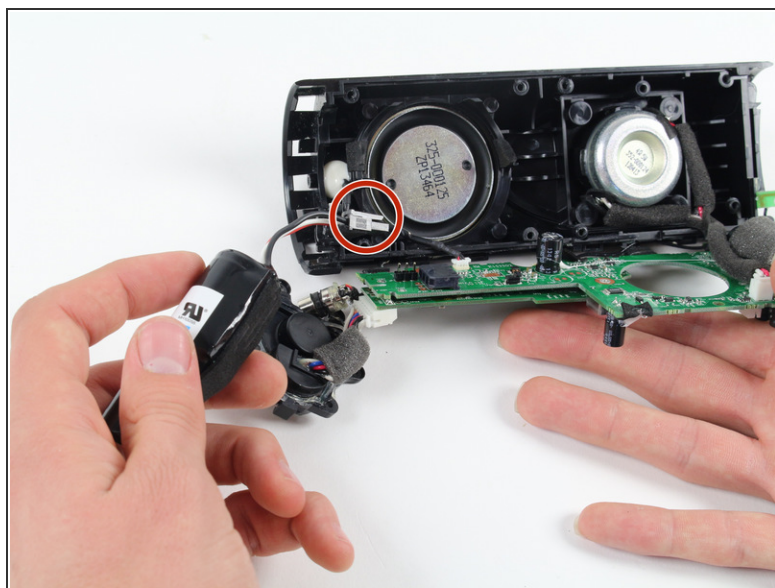
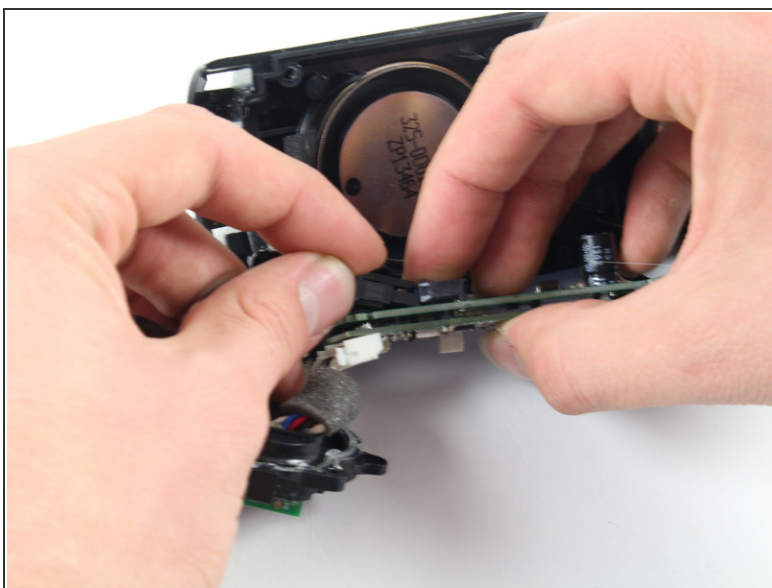
- With the Phillips #2 screwdriver, unscrew the 9.9 mm screw from the larger circuit board surrounding the speaker.

## Step 15



- Once all of the screws are gone, you should be able to remove the circuit boards and find the battery.

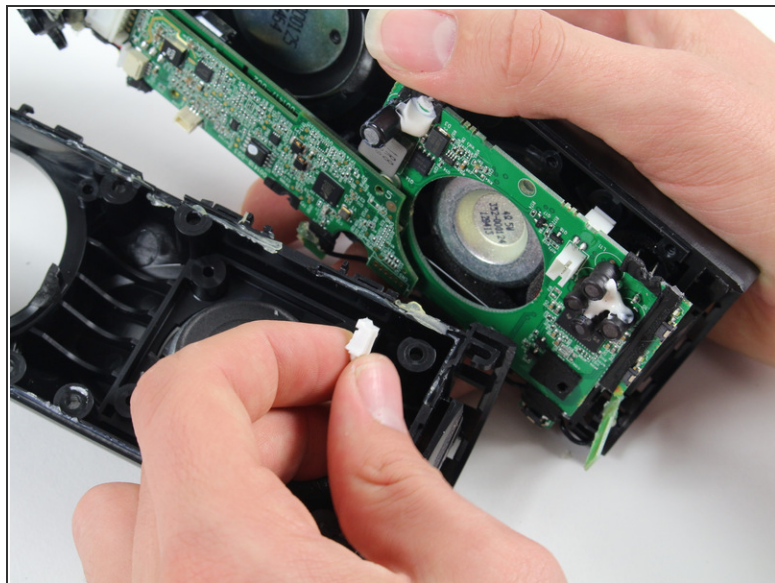
## Step 16



- Remove the battery by pulling it from the terminal as marked in the picture.

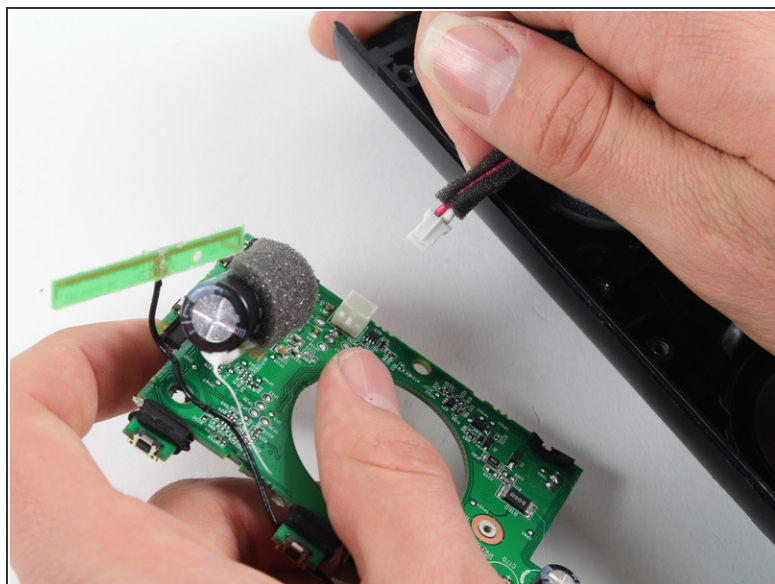
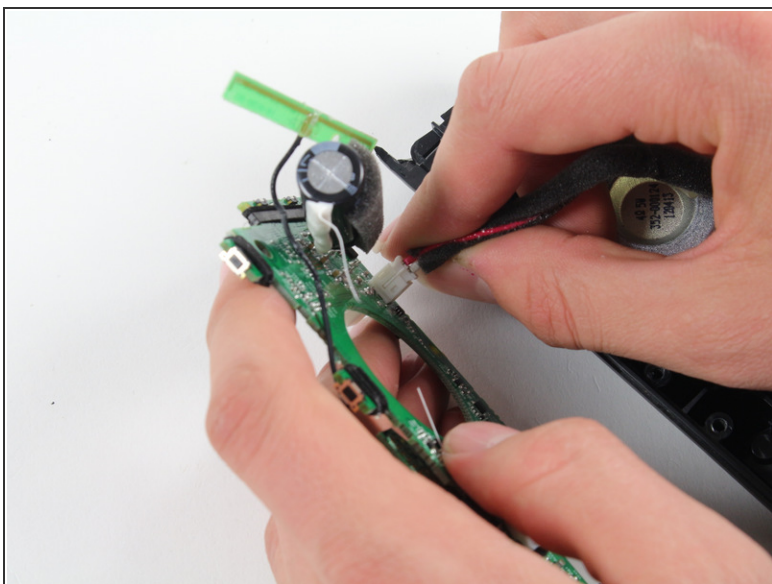


## Step 17 — Motherboard



- Remove the speaker by pulling it from the terminal as marked in the picture.

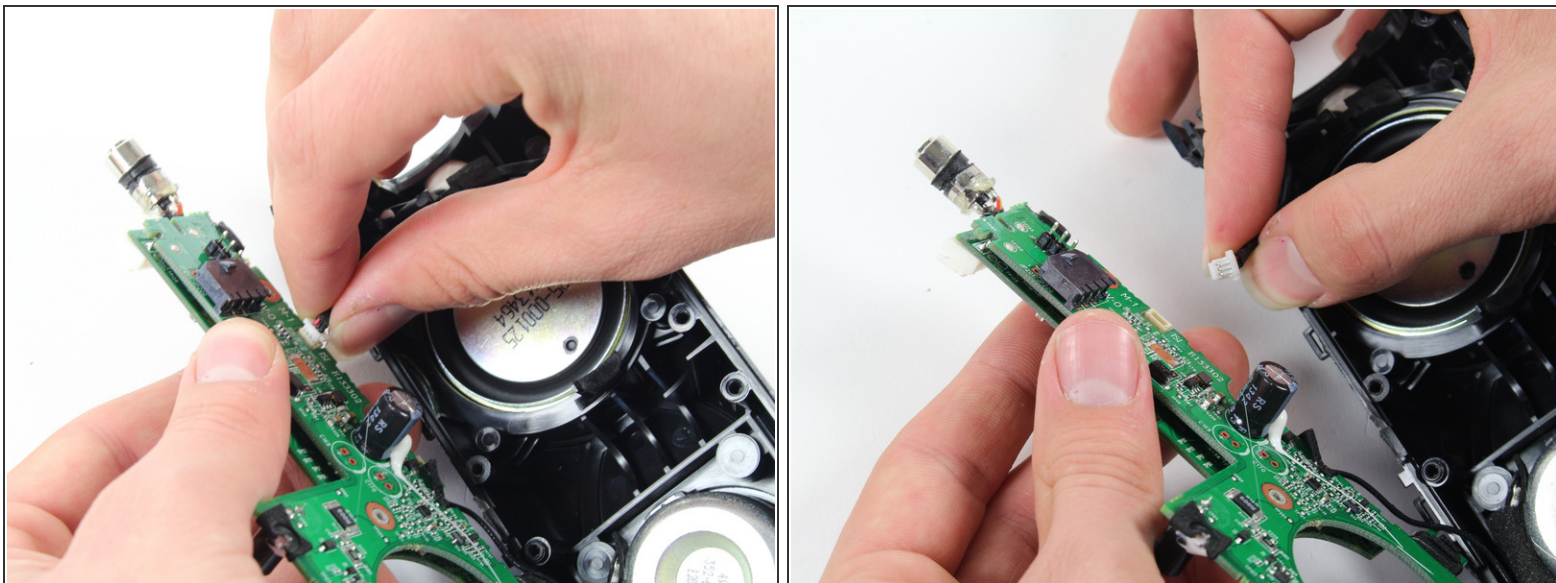
## Step 18



- Remove the second speaker by pulling it from the terminal as marked in the picture.



## Step 19



- Finally, remove the motherboard completely by pulling it from the terminal as marked in the picture.

To reassemble your device, follow these instructions in reverse order.

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